

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	11	naniwae-koichi.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/17 08:13
S2	6	("5400740" "5679603" "6336970").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/17 08:16
S3	2	"6574258".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/18 04:47
S4	7019943	(etch\$3 or clean\$3 or remov \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/21 04:09
S5	9480	(MOVPE or VPE)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/21 04:10
S6	6469	S4 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/21 04:10
S7	7024	(trimethylgallium or TMG or TMGa)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/21 04:11
S8	739	S5 same S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/21 04:12

S9	696	S4 and S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/21 04:12
S10	2773752	(sequen\$6 or intermit\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/21 04:14
S11	15	S8 same S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/21 04:14
S12	667	S5 same S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/21 04:27
S13	221721	(rate or flow) with S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/21 04:27
S14	19	S5 same S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/21 04:28
S15	2248	438/689.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/21 04:35
S16	12	S6 and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/21 04:39
S17	380510	(HCl or (hydrogen adj chloride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/21 04:46

S18	60837	S4 with S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/21 04:46
S19	41	S18 and S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/21 04:47
S20	14649	(re\$1growth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/21 04:51
S21	21	S8 same S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/21 04:52
S22	3406209	(clean or etch or remove)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 08:27
S23	2643839	(contaminat\$4 or contaminant or particulat\$3 or particle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 08:30
S24	253082	S22 with S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 08:30
S25	399073	(HCl or (hydrogen adj chloride) or (hydro adj chloride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 08:32
S26	1083	S24 with S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 08:32

S27	32855	(III-V)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 08:33
S28	21	S26 with S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 08:33
S29	400845	S22 same S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 08:37
S30	6000	S25 same S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 08:37
S31	22	S27 same S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 08:38
S32	1304240	grow\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 08:41
S33	20	S31 same S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 08:41
S34	509	S30 same S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 08:42
S35	3539363	rate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 08:42

S36	100	S34 same S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 08:42
S37	91	S36 and (@pd<"20030924" or @ad<"20030924" or @lad<"20030924")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 08:43
S38	165	("3310425"   "3344071"   "3394390"   "3441000"   "3471324"   "3511723"   "3609477"   "3767984"   "3904449"   "3930908"   "3994755"   "4004953"   "4062706"   "4147571"   "4158851"   "4204893"   "4279670"   "4284467"   "4368098"   "4488914"   "4504331"   "4554570"   "4578127"   "4593301"   "4688062"   "4716125"   "4740826"   "4757029"   "4890144"   "4974060"   "4982266"   "5010386"   "5021857"   "5036022"   "5110757"   "5122848"   "5140388"   "5153692"   "5158901"   "5204871"   "5212113"   "5274257"   "5276340"   "5285093"   "5302846"   "5308776"   "5308782"   "5324673"   "5379220"   "5384151"   "5398200"   "5408130"   "5426068"   "5620557"   "5679152"   "5903017"   "5932896"   "5948161"   "5959307"   "5987048"   "6118801"   "6121634"   "6146457"   "6147364"   "6176925"   "6177292"   "6204084"   "6207005"   "6210479"   "6214701"   "6222868"   "6280523"   "6284631"   "6328796"   "6458672"   "6674098").PN. OR ("2004/0026704"   "2004/0137657"   "2004/0235212"   "4155784"   "4745448"   "5400740"   "5622891"   "5679603"   "5785755"   "5827365"   "6037202"   "6336970"   "6627552"   "6982438"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/24 09:08

S39	143	S38 and (@pd<"20030924" or @ad<"20030924" or @rlad<"20030924")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 09:09
S40	0	S25 same S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 09:10
S41	34	S25 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 09:10
S42	2	"6660083".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 10:20
S43	3406209	(clean or etch or remove)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 06:19
S44	399073	(HCl or (hydrogen adj chloride) or (hydro adj chloride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 06:19
S45	56172	S43 same S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 06:19
S46	19821	S43 with S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 06:19
S47	3539363	rate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 06:19

S48	496	S46 with S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 06:19
S49	118384	(GaAs)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 06:20
S50	7	S48 with S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 06:20
S51	11192	"L2" same S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 06:26
S52	87	"L27" same S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 06:26
S53	0	S49 same S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 06:27
S54	5719	S45 same S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 06:27
S55	59	S54 same S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 06:28
S56	1	10/573,492	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 08:16

S57	2	"6133593".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 09:21
S58	7431	("PQ.sub.3" or PQ3 or (t-butyl adj chloride) or TBQL)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 09:28
S59	402	S43 same S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 09:28
S60	56	S47 same S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 09:29
S61	403137	(S44 or S58)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 09:46
S62	56459	S43 same S61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 09:46
S63	5756	S47 same S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 09:47
S64	19883	S43 with S61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 09:48
S65	504	S47 with S64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 09:48



S66	405	S65 and (@pd<"20030924" or @ad<"20030924" or @rlad<"20030924")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 09:49
S67	1304240	grow\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 09:51
S68	21	S67 with S65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 09:51
S69	52	S67 same S65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 10:15
S70	1203	"52" and (@pd<"20030924" or @ad<"20030924" or @rlad<"20030924")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 10:15
S71	36	S69 and (@pd<"20030924" or @ad<"20030924" or @rlad<"20030924")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/25 10:16
S72	677	((vapor adj phase adj epitax \$3) or VPE) with InP	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 06:11
S73	7274084	(etch\$3 or clean\$3 or remov \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 06:13
S74	7435	("PQ sub.3" or PQ3 or (t- butyl adj chloride) or TBCL)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 06:13

S75	1	S72 with S73 with S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 06:13
S76	2	S72 same S73 same S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 06:13
S77	201	S72 same S73	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 06:15
S78	4	S72 same S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 06:15
S79	176	S77 and (@pd<"20030924" or @ad<"20030924" or @rlad<"20030924")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 06:17
S80	30	S77 same nm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 06:20
S81	22	S80 and (@pd<"20030924" or @ad<"20030924" or @rlad<"20030924")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 06:20
S82	24	S72 same re\$1growth	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 06:27
S83	14	("5346581"   "5400740"   "5679603"   "5679603"   "5785755"   "5827365"   "5946582"   "6336970").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 14:10

S84	1	("PC.sub.3" or PC3) same (TMGa or TEGa or TMI n) same (intermittent or sequen\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 08:47
S85	18	("PC.sub.3" or PC3 or HQ) same (TMGa or TEGa or TMI n or TMG or TEG) same (intermittent or sequen\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 08:49
S86	0	("PC.sub.3" or PC3 or HQ) same (TMGa or TEGa or TMI n or TMG or TEG) same (intermittent or (on-off))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 08:55
S87	0	S86 same (on adj "and" adj off)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 08:56
S88	0	("PC.sub.3" or PC3 or HQ) same (TMGa or TEGa or TMI n or TMG or TEG) same (intermittent or (on-off) or (on adj "and" adj off))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 08:57
S89	19	("PC.sub.3" or PC3 or HQ) same (TMGa or TEGa or TMI n or TMG or TEG) and (intermittent or (on-off) or (on adj "and" adj off))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 08:57
S90	12	("4579623"   "4648940"   "4734514"   "4789643"   "4980314"   "5043291"   "5114877"   "5314575").PN. OR ("6358316").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/19 09:10
S91	12	(III-V same etch same grow \$3 same ("PC.sub.3" or PC3 or HQ or "AsH.sub.3" or AsH3))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/19 09:14
S92	28	(III-V same etch same ("PC.sub.3" or PC3 or HQ))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/19 09:22
S93	14	("4368098"   "4488914"   "4975252"   "5103271").PN. OR ("5212113").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/19 09:30
S94	12	("4751201"   "4855249"   "5068756"   "5164359"   "5212113"   "5235210"   "5311046").PN. OR ("6121153").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/19 09:31

S95	13	("5104824"   "5153147"   "5212113"   "5298456"   "5470785").PN. OR ("6030452").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/19 09:44
S96	7	("4058430"   "4629514"   "5037775"   "5153889"   "5212113").PN. OR ("5868834").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/19 09:50
S97	96	("3916034"   "4058430"   "4159919"   "4160166"   "4160690"   "4214926"   "4223048"   "4277304"   "4435445"   "4662312").PN. OR ("4975252").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/19 09:53
S98	17	("5229319"   "5622559"   "5663592"   "5668047"   "5703974"   "5737353"   "5756373"   "5847415"   "5862279"   "5868834"   "5913107"   "5917846"   "5917972").PN. OR ("6036771").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/19 10:01
S99	8	("4975252"   "5037775"   "5201995").PN. OR ("5407531").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/19 10:05
S100	3	"4186489".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/03 13:37

2/12/2010 10:26:35 AM

C:\Documents and Settings\ejones1\My Documents\EAST\Workspaces\10573492CLEAN.wsp